

FIG. 1

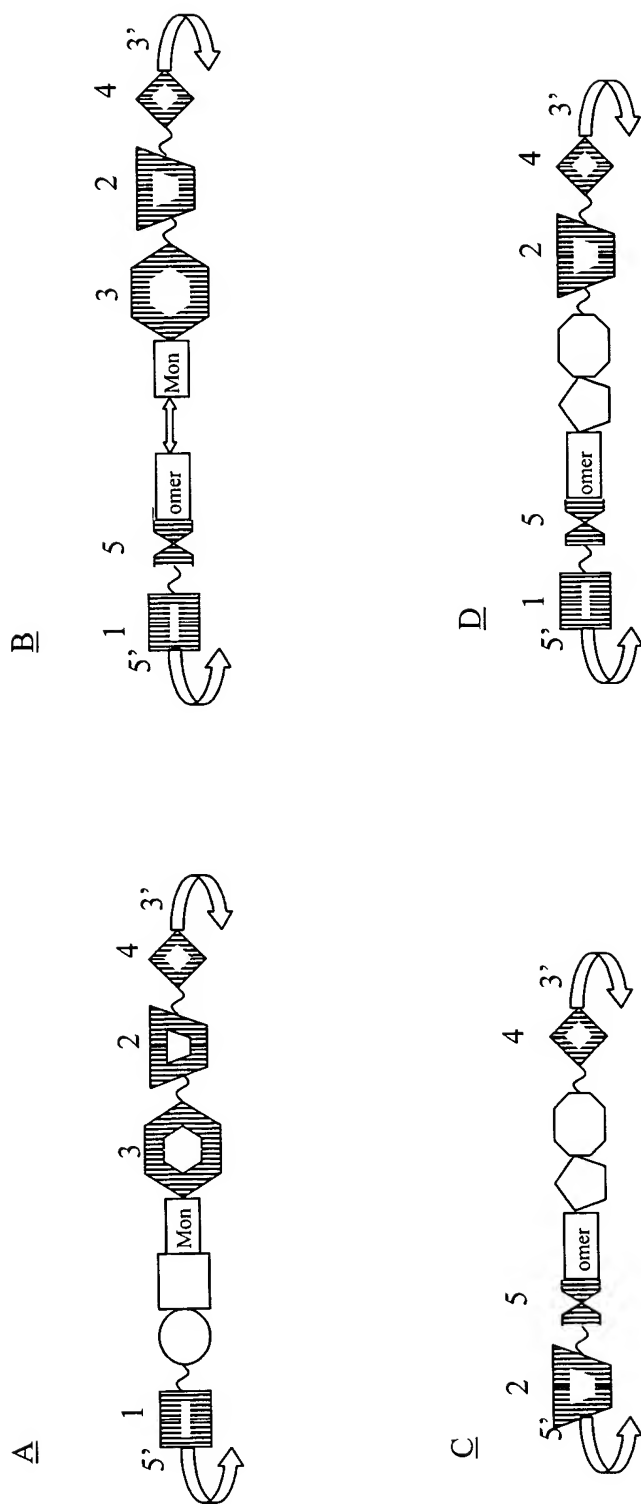


FIG. 2

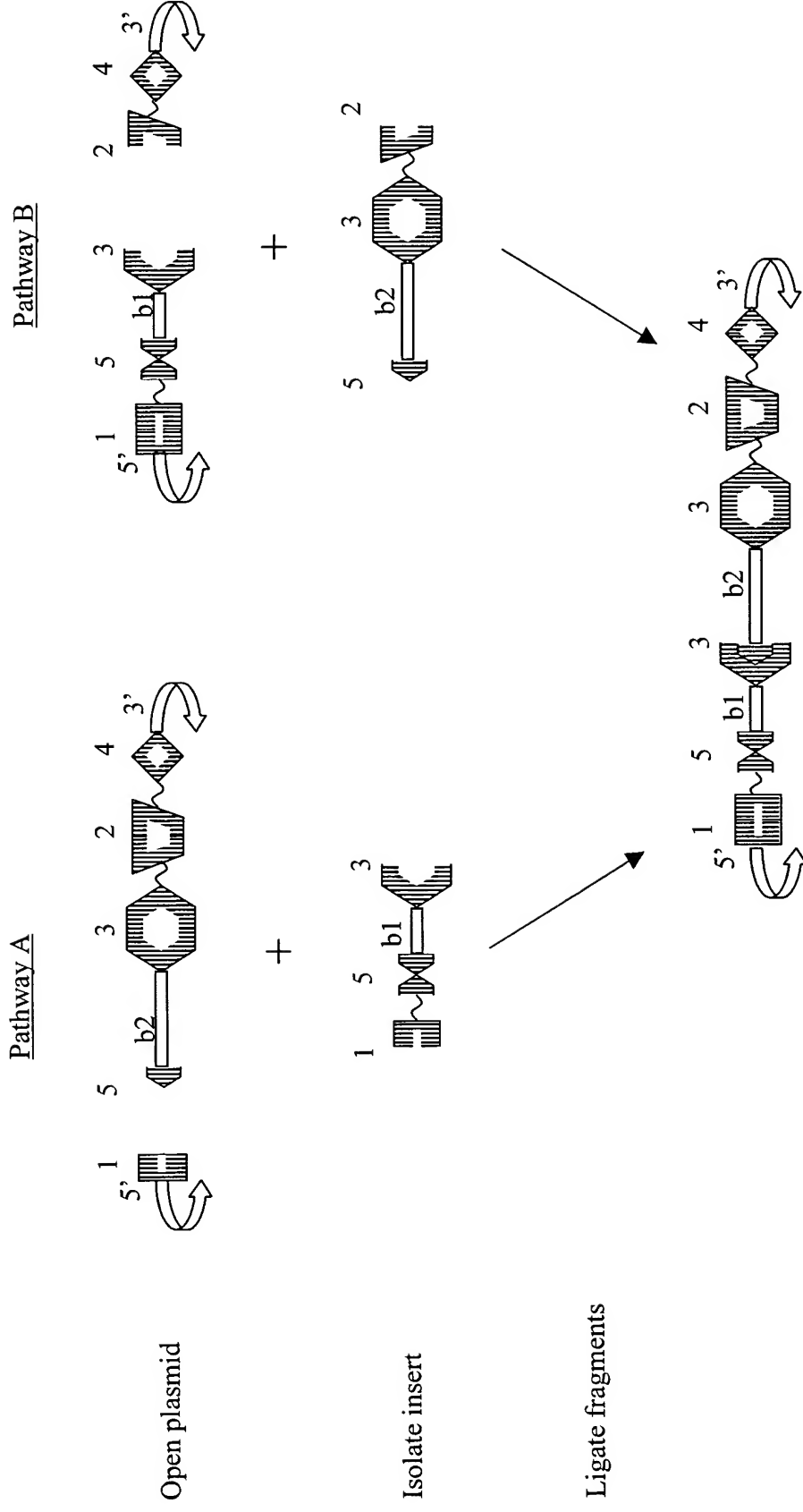


FIG. 3

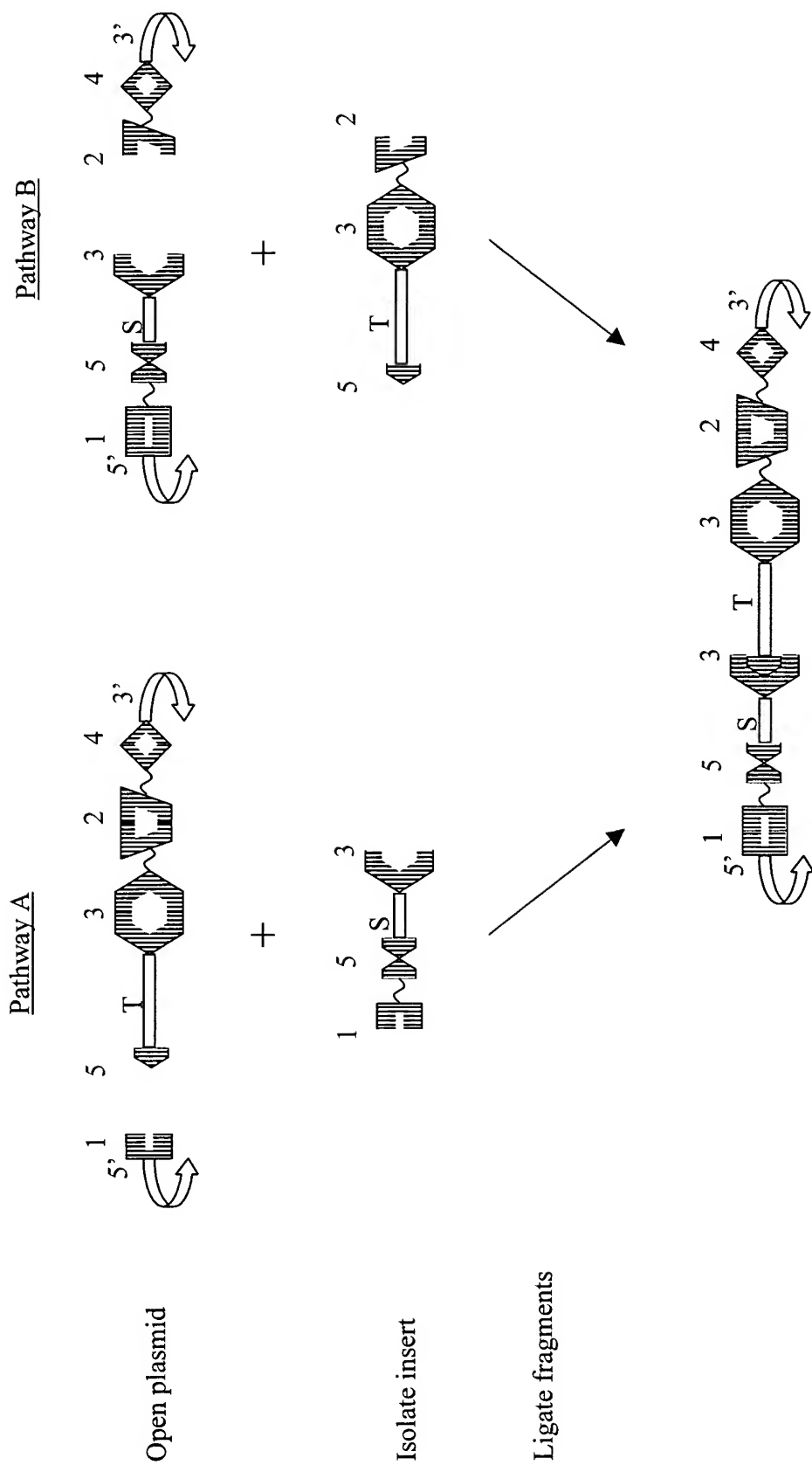
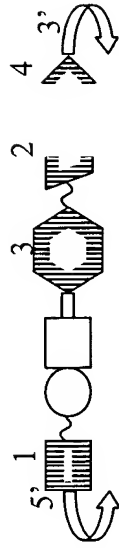


FIG. 4

Step

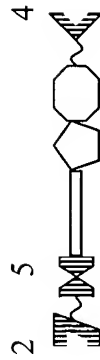
Pathway A

Open plasmid

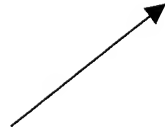


+

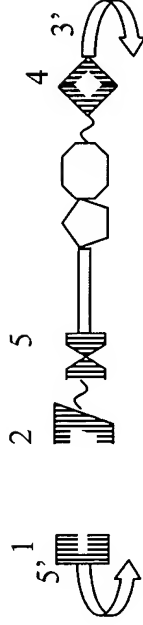
Isolate insert



Ligate fragments



Pathway B



+



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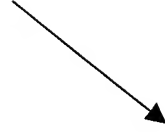


FIG. 5

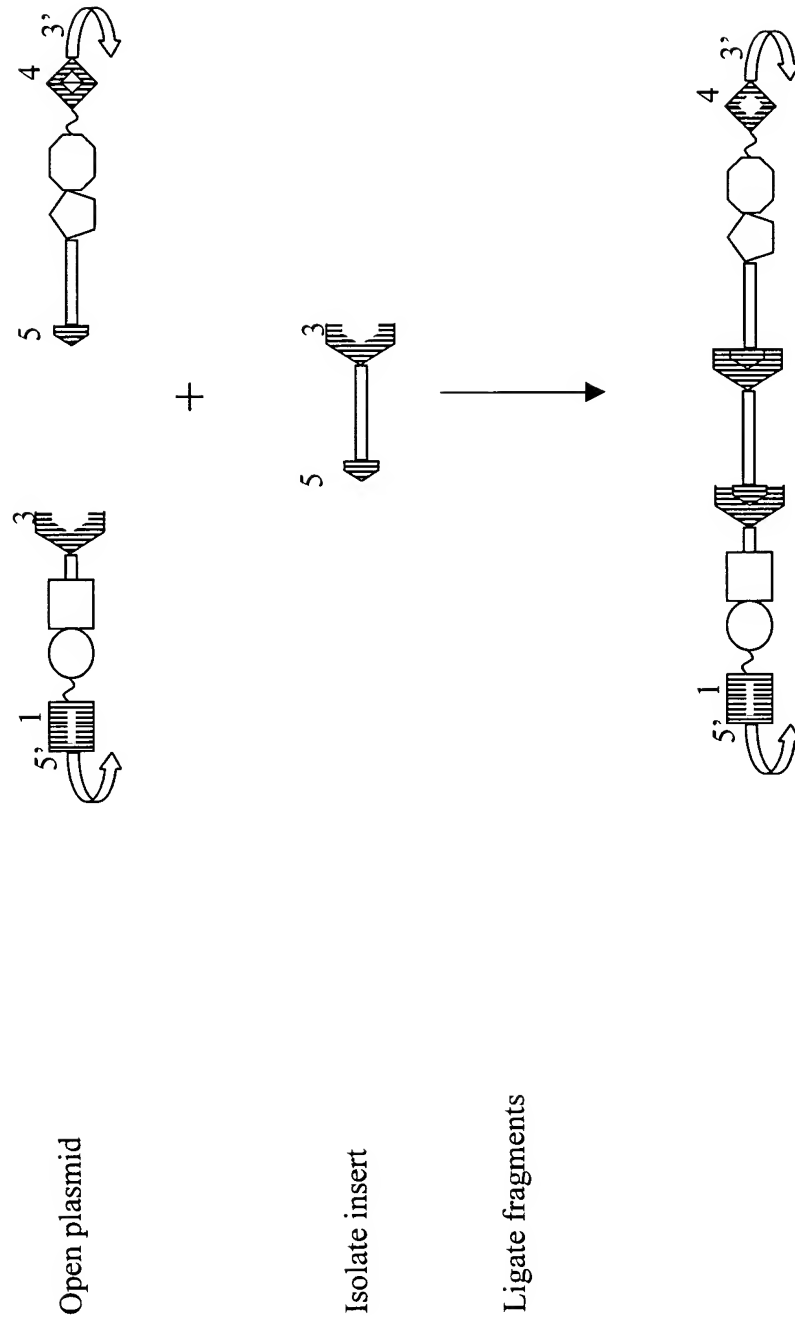


FIG. 6

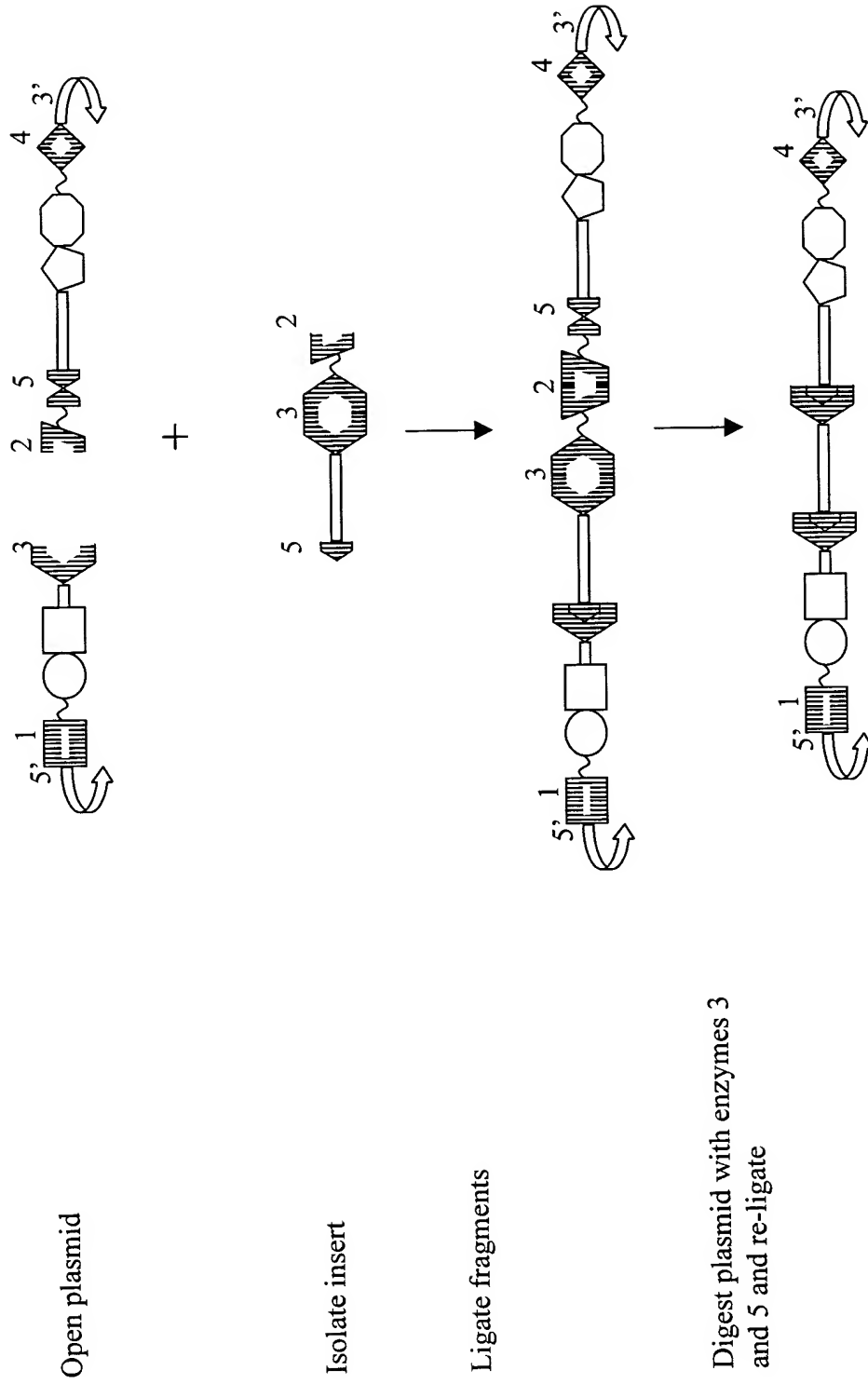


FIG. 7

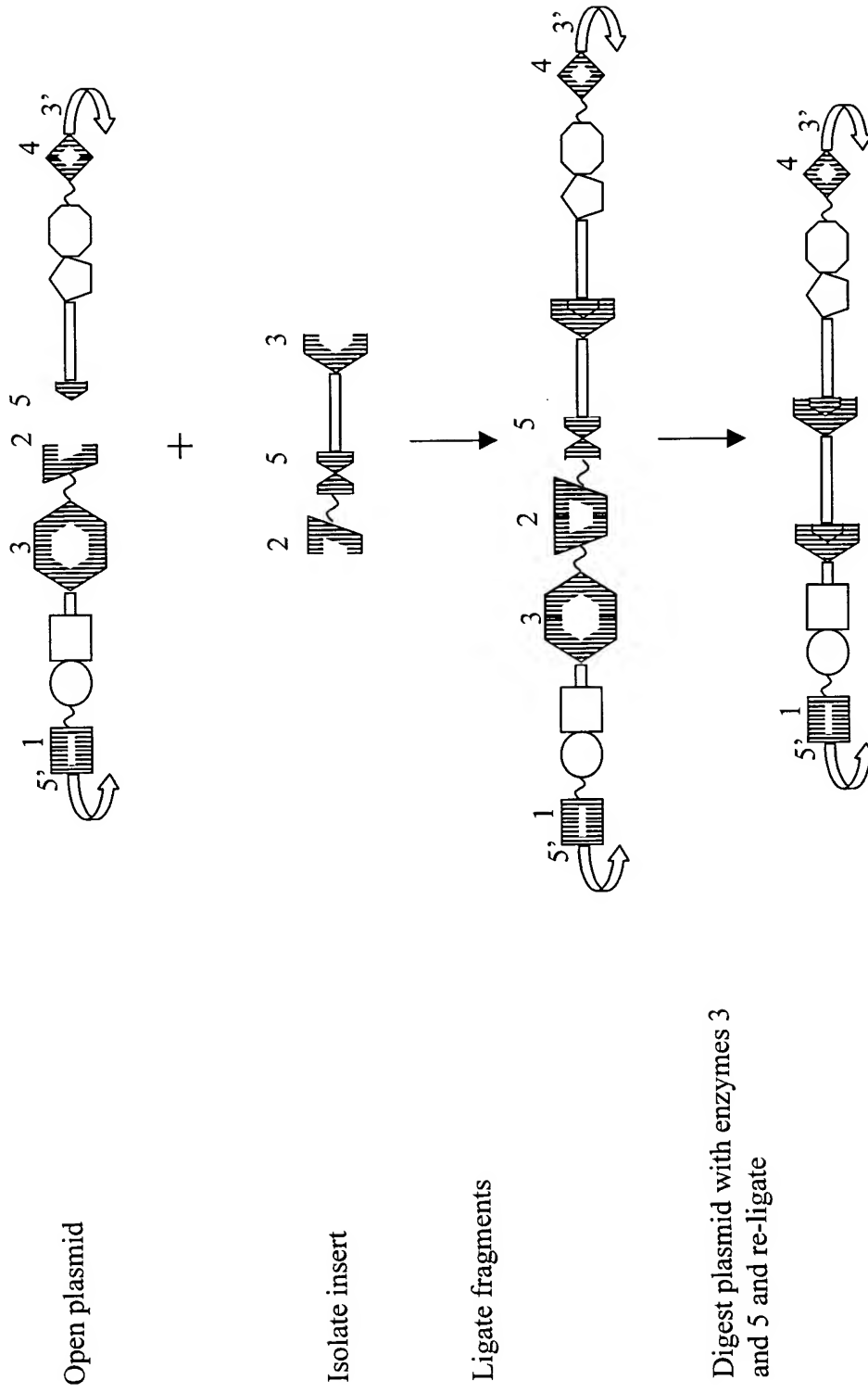


FIG. 8



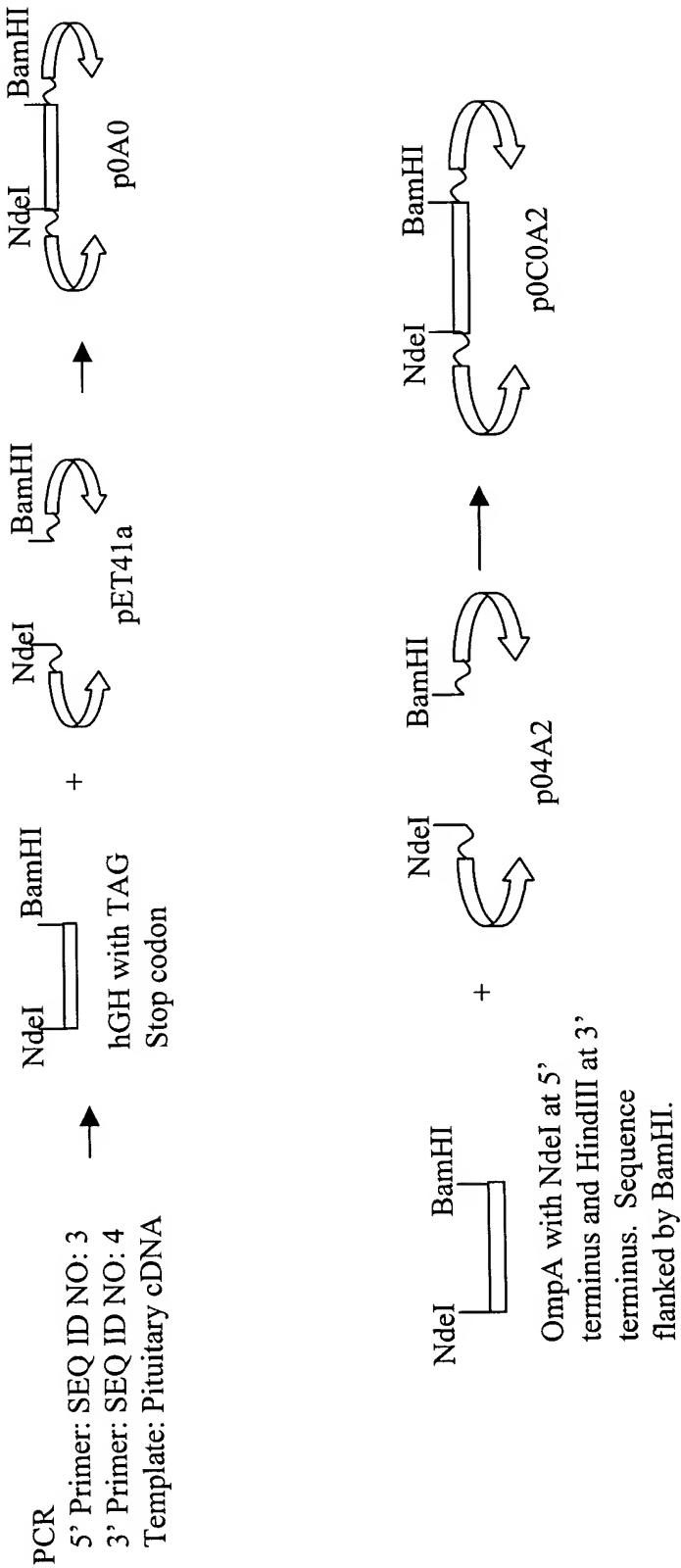


FIG. 9

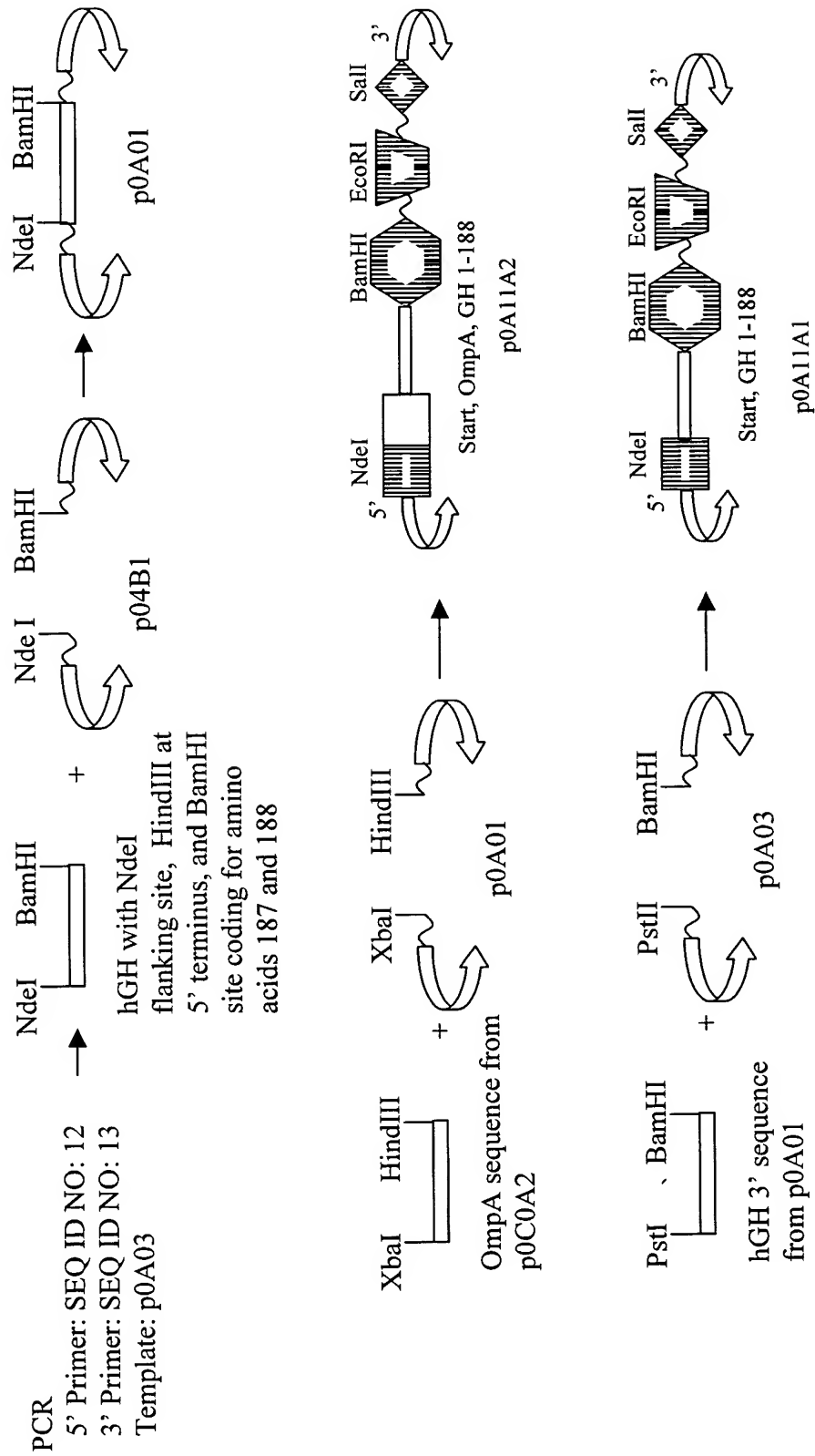


FIG. 10

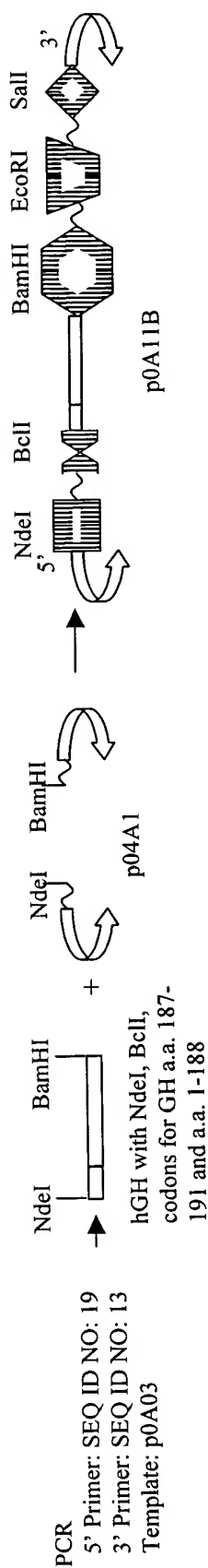


FIG. 11

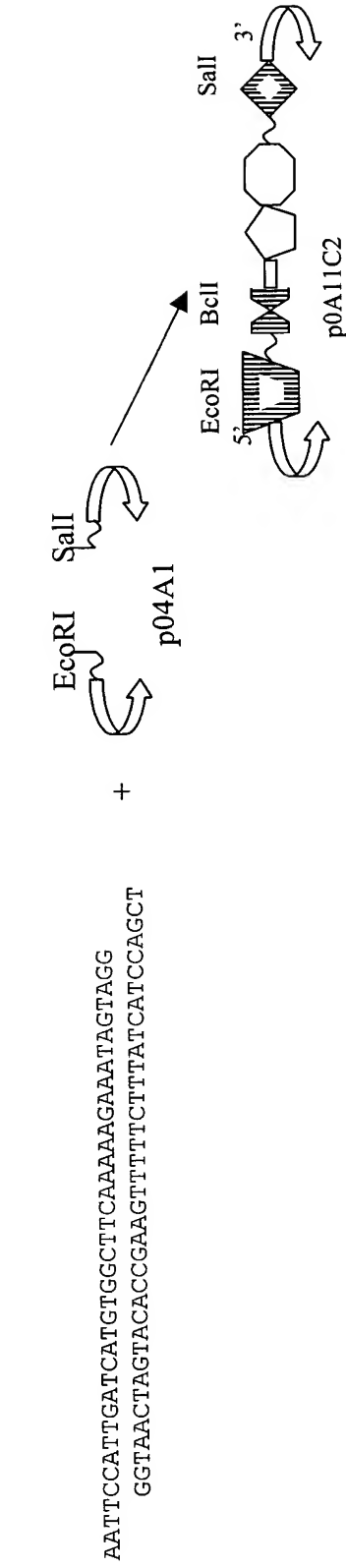
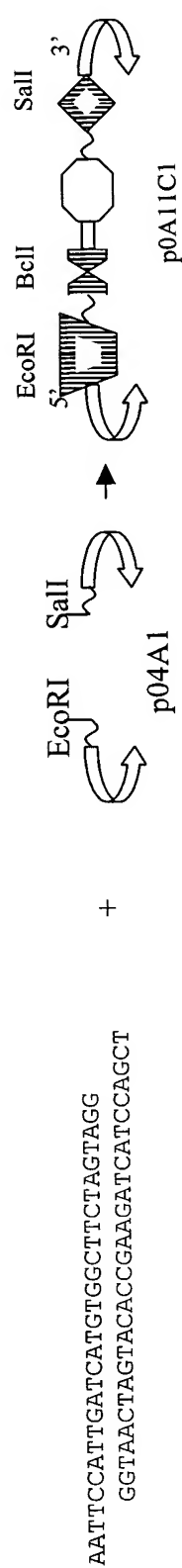


FIG. 12

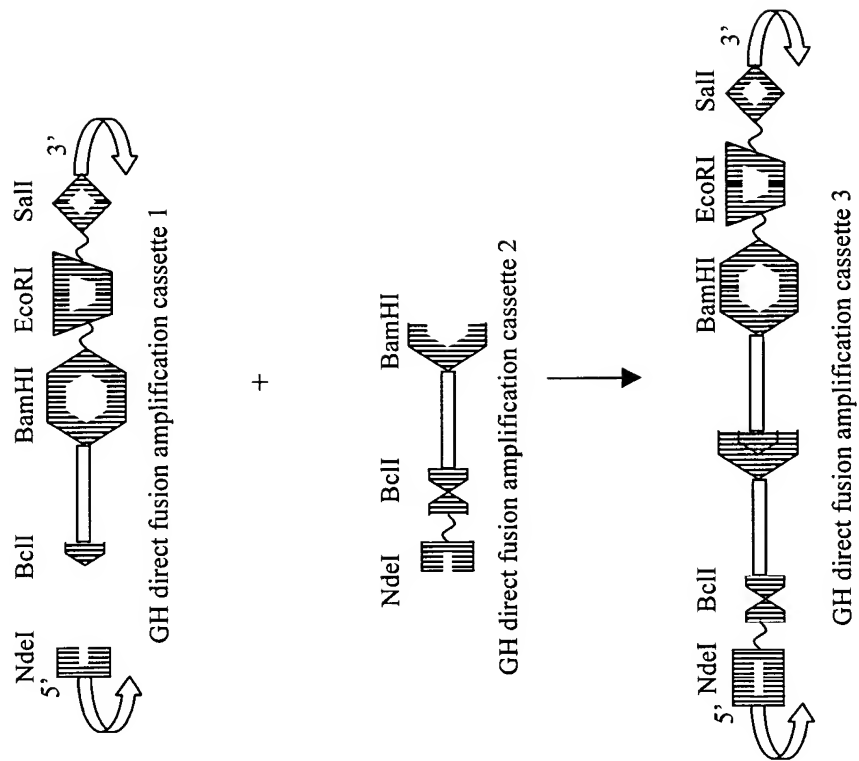


FIG. 13

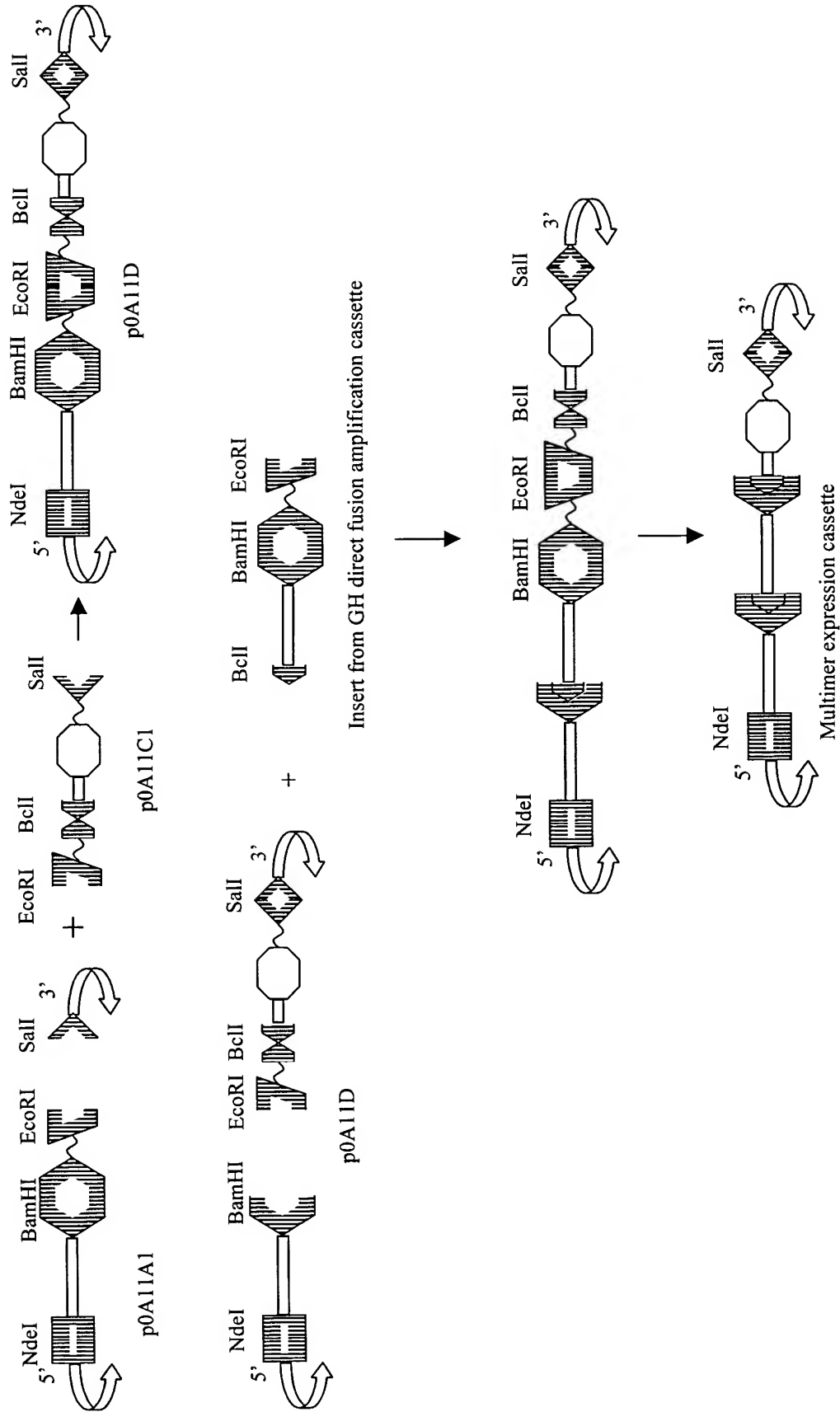


FIG. 14

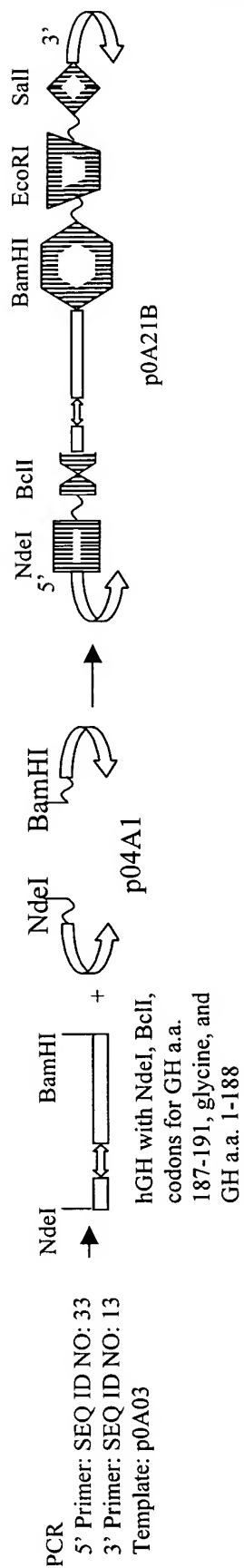


FIG. 15

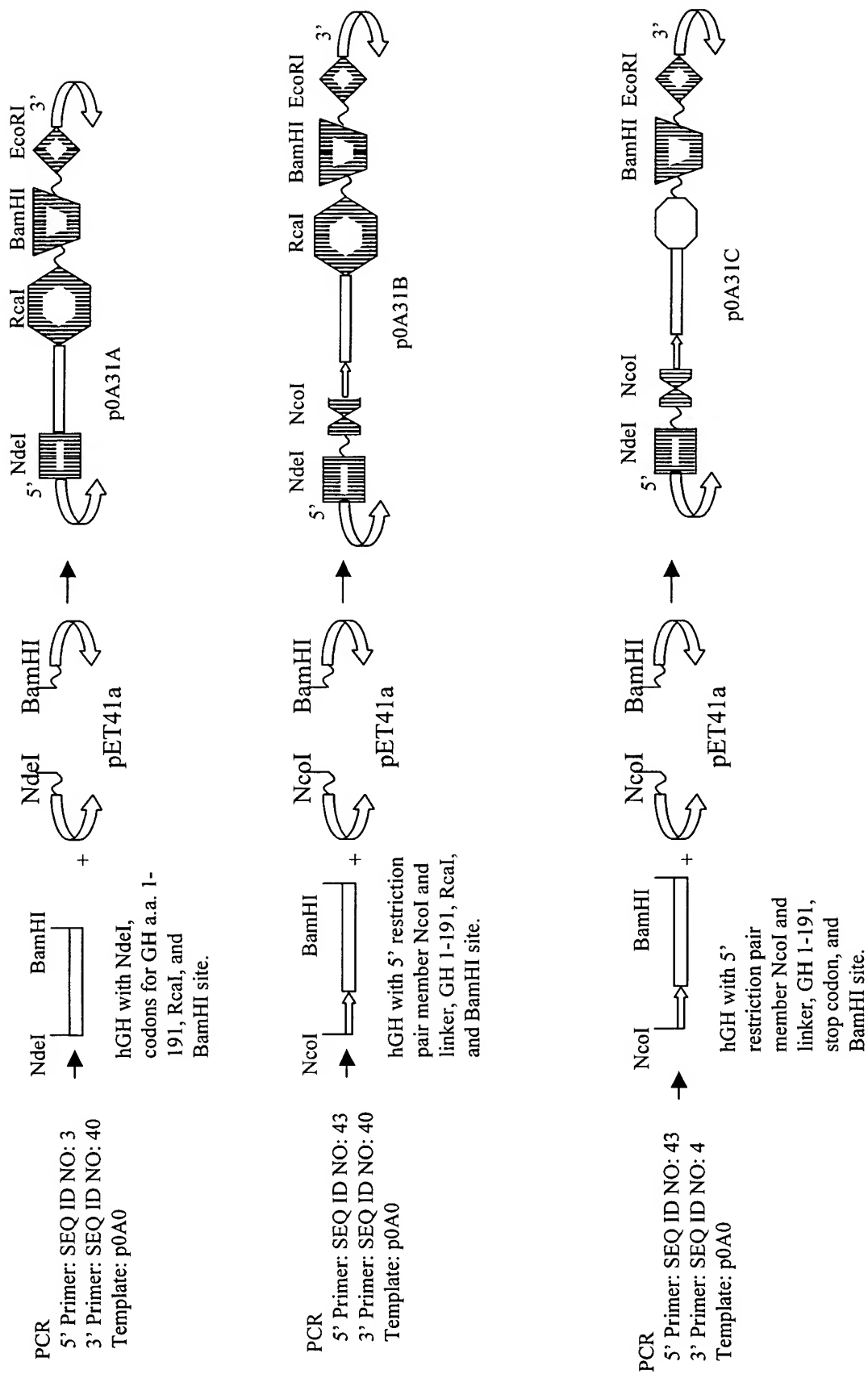


FIG. 16

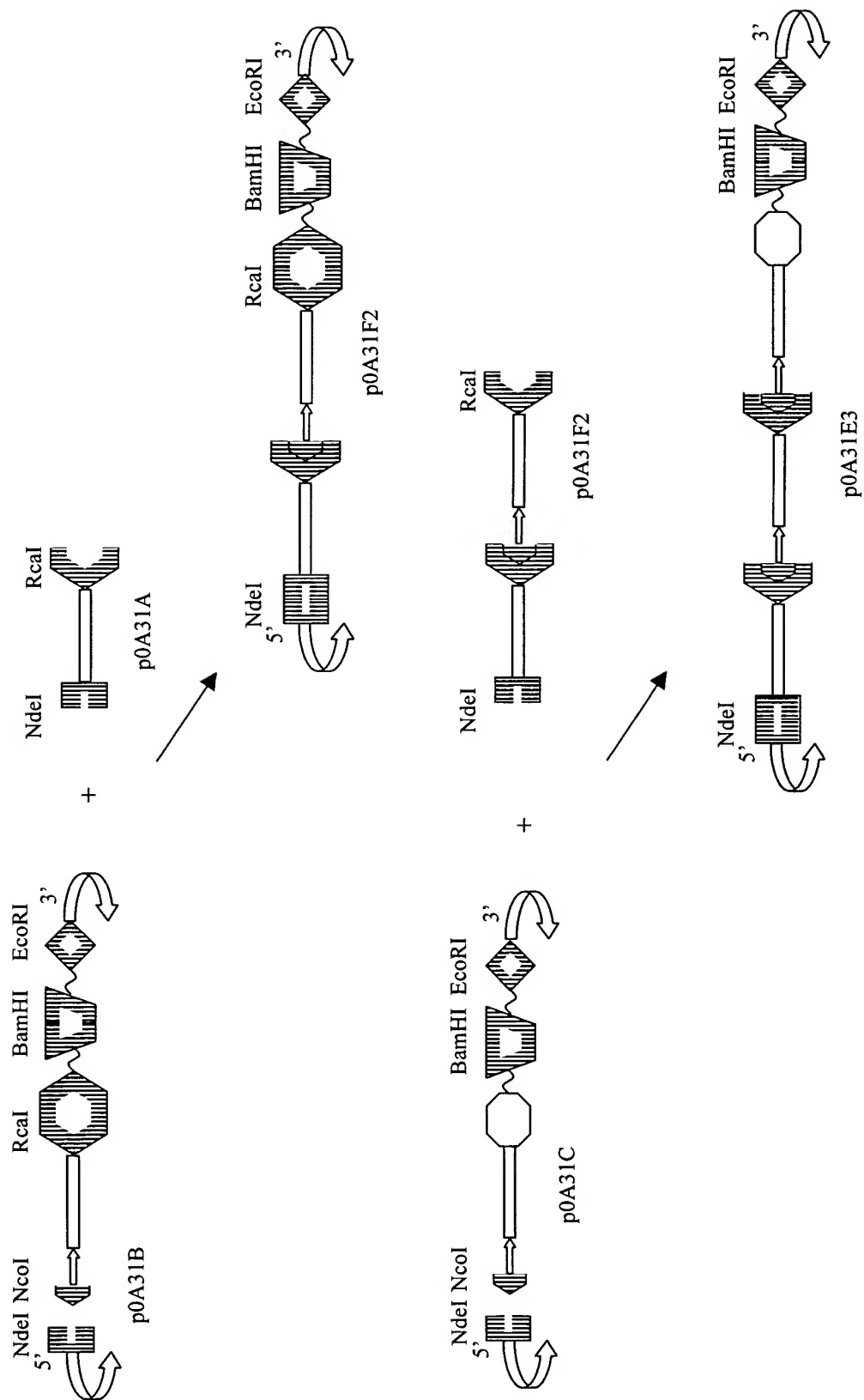


FIG. 17



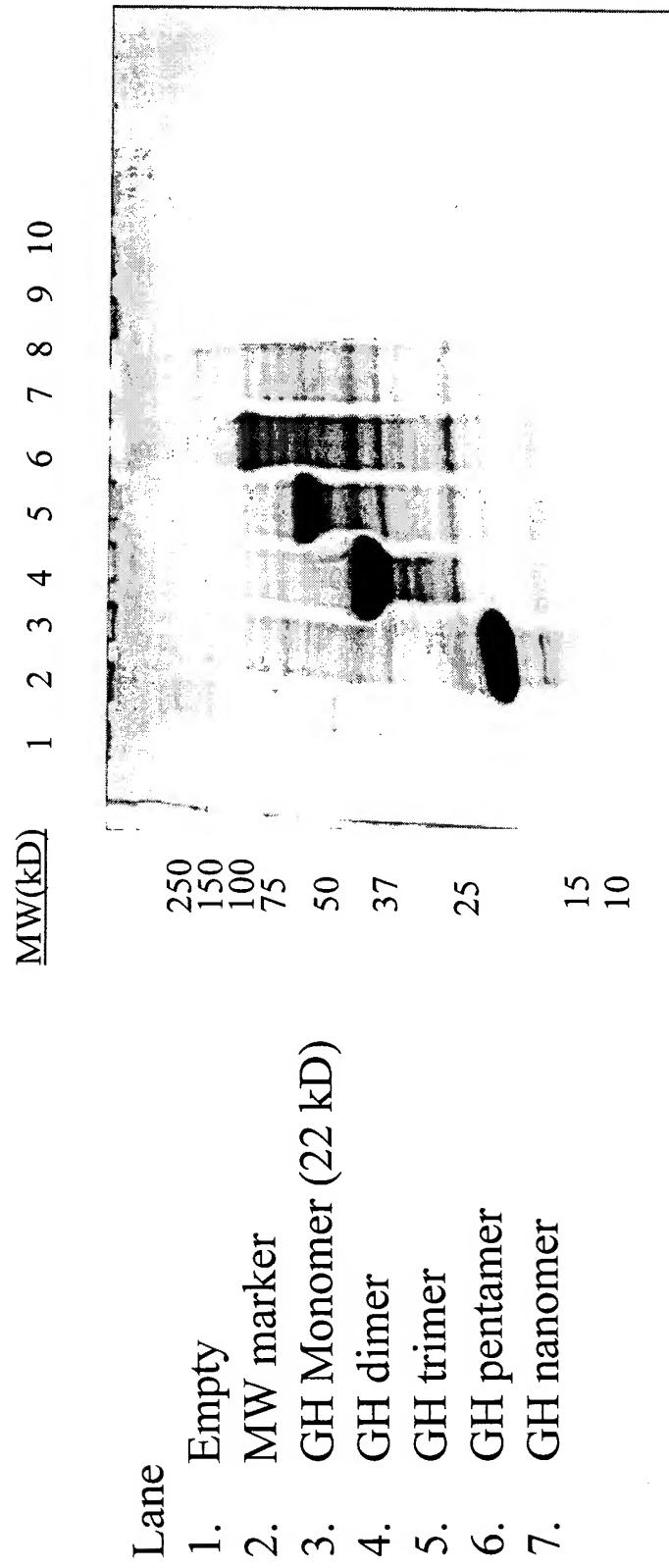


FIG. 18

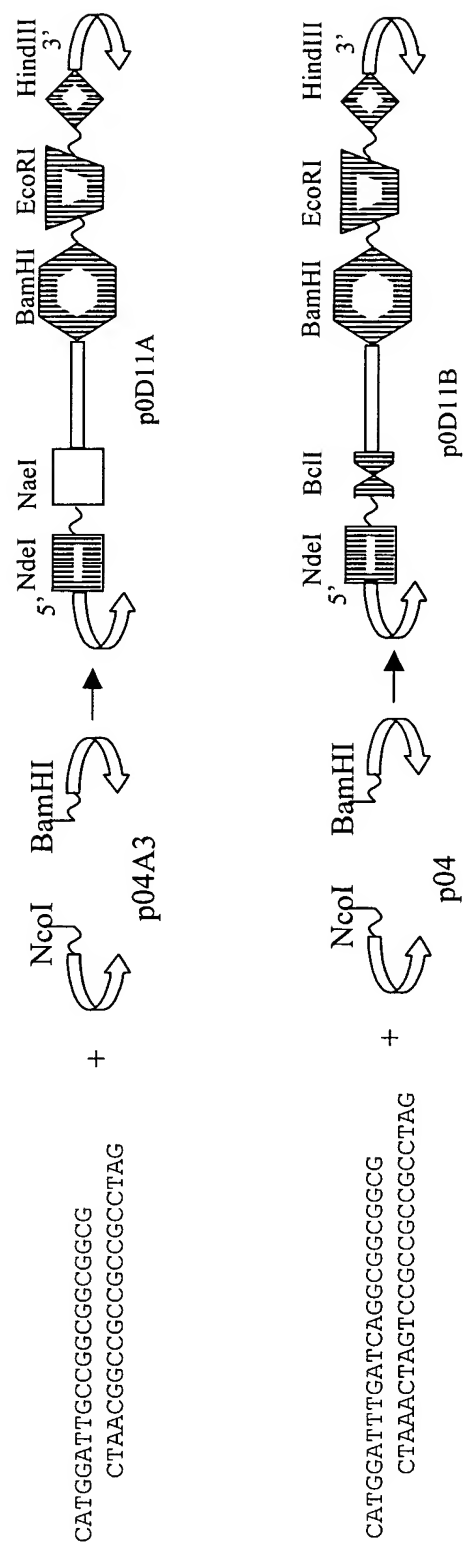


FIG. 19

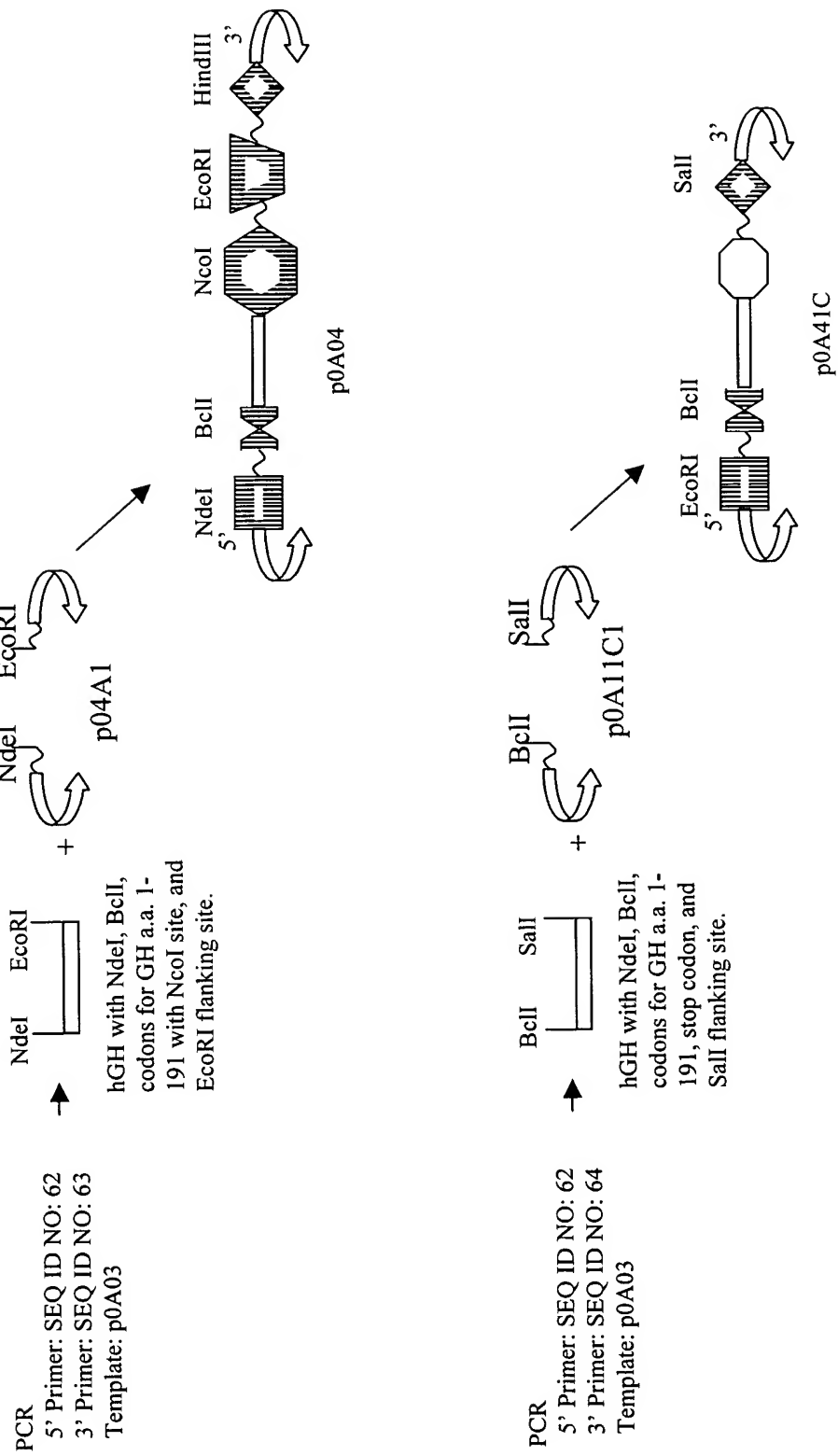


FIG. 20

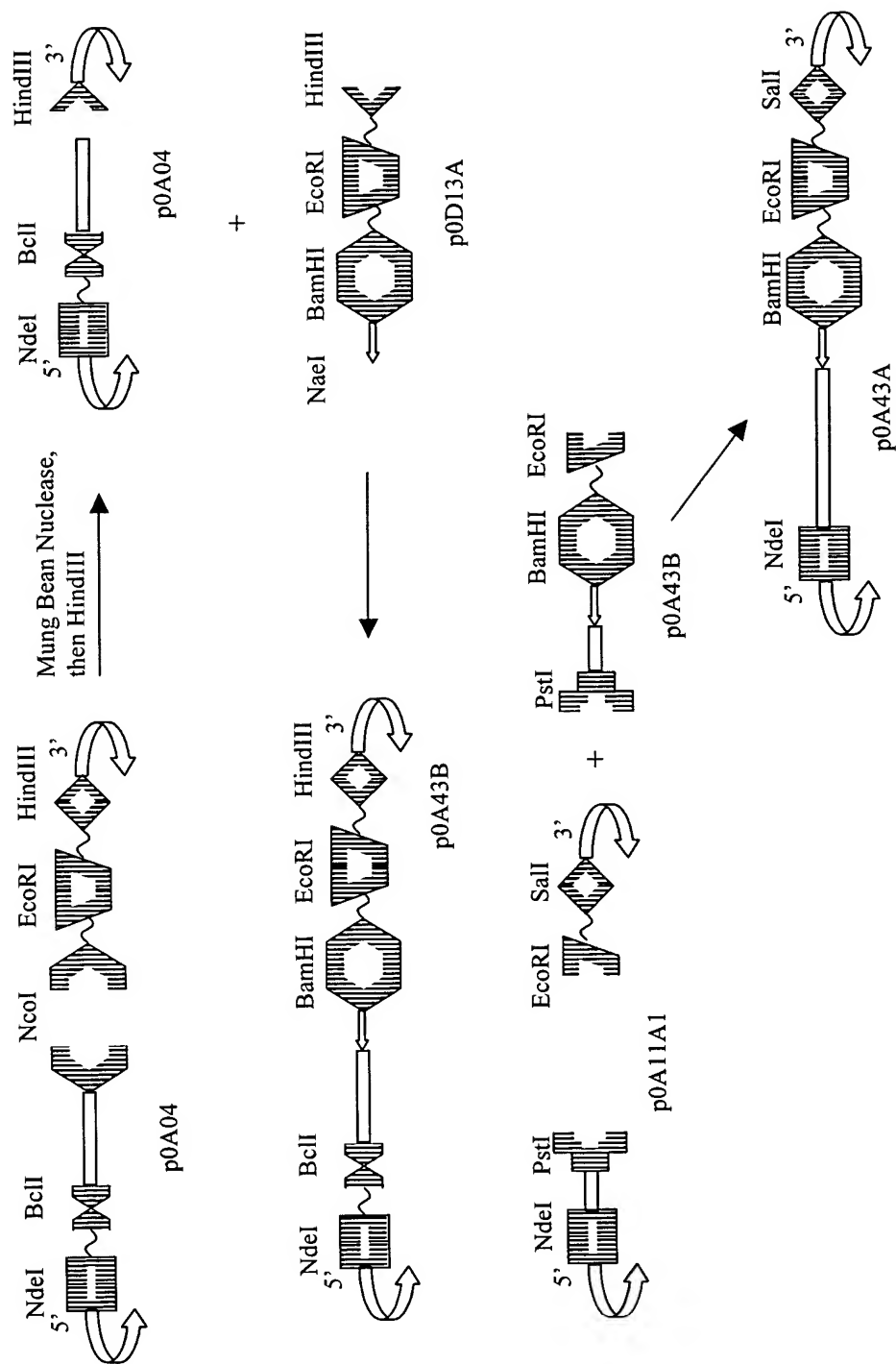


FIG. 21

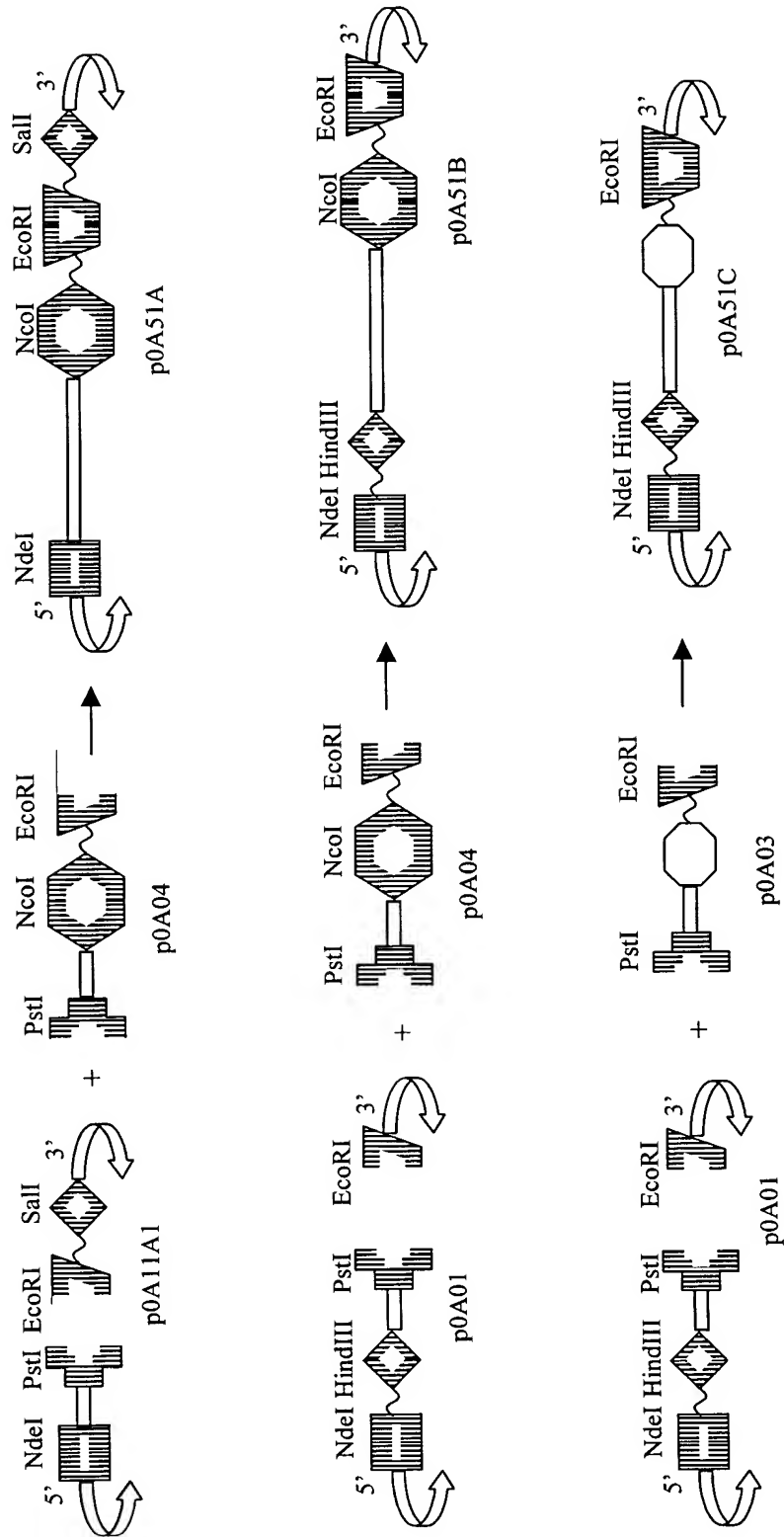


FIG. 22

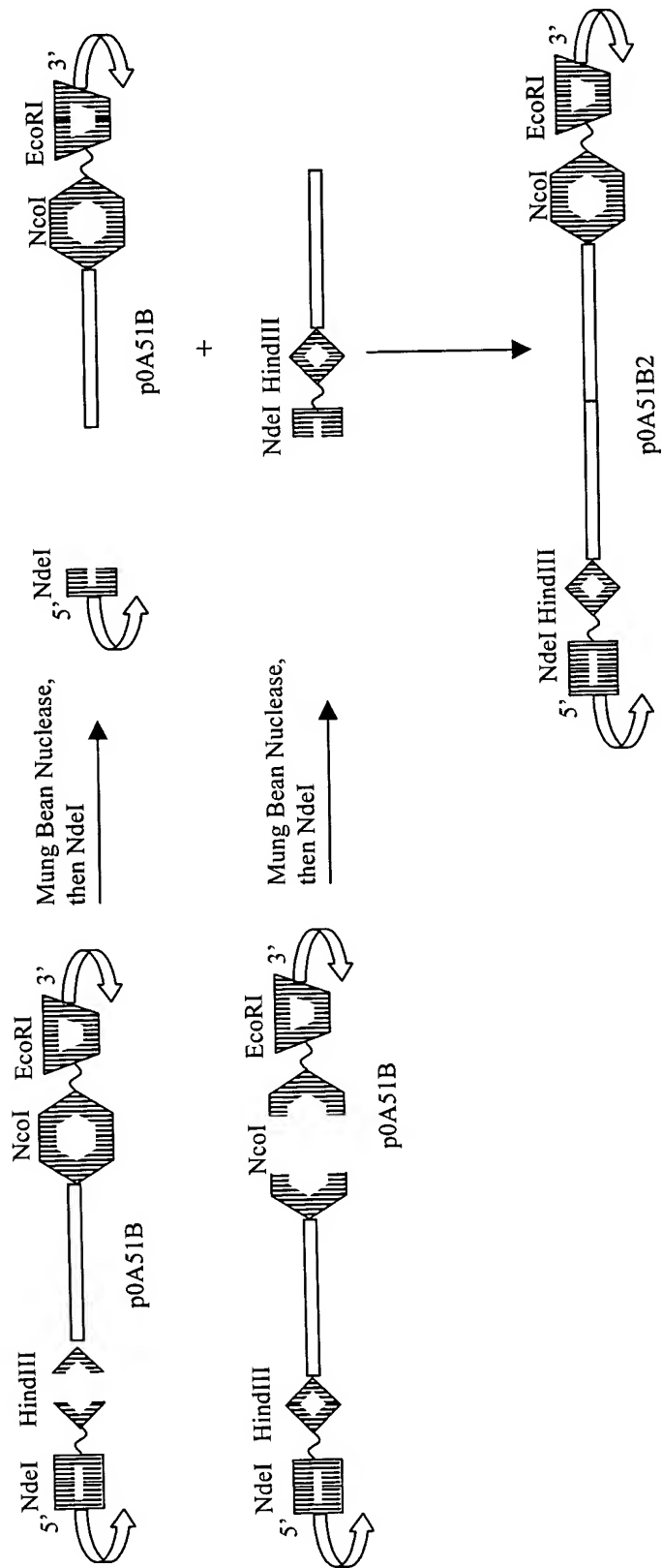


FIG. 23